

# इंटरनेट

# मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5000-OD35 (1981): Dimensions of Semiconductor Devices,  
Device Outline OD35 [LITD 5: Semiconductor and Other  
Electronic Components and Devices]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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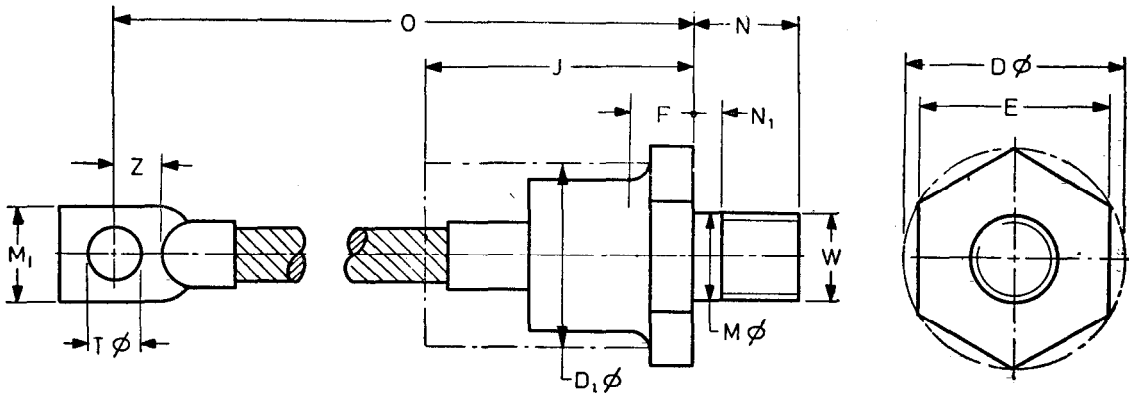


Indian Standard

DIMENSIONS OF SEMICONDUCTOR DEVICES  
DEVICE OUTLINE OD35

1. Dimension

**Note** — This drawing has been prepared in accordance with IS : 5001 (Part I)-1969 'Guide for the preparation of drawings of semiconductor devices and integrated circuits : Part I Semiconductor devices' and IS:5001 (Part II)-1973 'Guide for the preparation of drawings of semiconductor devices and integrated circuits : Part II Integrated circuits'.



Reference	Millimetres			Notes
	Min	Nom	Max	
$\phi D$	—	—	42	1
$D_1$	—	—	—	2
$E$	—	36	—	—
$F$	5	—	—	—
$J$	—	—	110	1,3
$\phi M$	—	—	see Note 4	—
$M_1$	20	—	27	5
$N_1$	—	—	4	—
$\phi T$	—	—	—	6
$W$	—	M20 $\times$ 1.5	—	—
$Z$	10	—	—	7

Type A				Type B		
Ref	Min	Nom	Max	Min	Nom	Max
$N$	12	—	14	23	—	25
$O$	180	—	220	180	—	220

Adopted 16 November 1981

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Price Rs 5.00



**IS : 5000 (OD35) -1981**

**Note 1** — The device, with the exception of the hexagon, thread and flexible terminal, lies within the cylinder of diameter  $D_1$  and length  $J$ .

**Note 2** — Diameter  $D_1$  must not be greater than the actual across flat dimensions of the hexagon used.

**Note 3** — Dimension  $J$  is the seated height with the terminal bent at right angles.

**Note 4** — Diameter  $M$  refers to zone  $N_1$ . The maximum value should not exceed the outside diameter of the thread.

**Note 5** — The contour and orientation of the terminal slug or lug are undefined.

**Note 6** — Clearance hole for M10 bolt.

**Note 7** — Minimum flat.

Country or Organization	Code	
	Type A	Type B
IEC	A21MA	A21MB
Germany	108A2	108B2
USSR	KD8P1	
Japan		SC-30